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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1	Product identifier	TRADE NAME: DS 48 1000 PP – DS 48 1000 PP TOP SK CODE: 02064014 - 02064014
1.2	Identified appropriate uses of the substance or mixture and not recommended uses	COMMON USES: underlays for roofing, walls and flooring, flexible facings for insulating panels, poultry paper, packaging, automotive. NOT RECOMMENDED USES: appropriate uses are listed above; other uses must first be evaluated.
1.3	Details of the supplier of the safety data sheet	RIWEGA GmbH Isola di Sopra Street, 28 I - 39044 Egna (BZ) Tel. +39 0471 827 500
1.4	Emergency telephone number	Gamper Werner Tel. +39 0471 827 500 E-mail: info@riwega.com

SECTION 2: Identifying risks

2.1	Classification of the substance or of the mixture	Bituminous products are not subject to classification according to the Regulation (EC) No 1272/2008 (CLP) as they are considered items and therefore outside the scope.
2.2	Elements on the label	Bituminous products are not subject to labelling according to the Regulation (EC) No 1272/2008 (CLP) as they are considered items and therefore outside the scope. LABELLING: None
2.3	Other hazards	Bituminous products are used cold (room temperature); the bituminous component is stable. Based on the available data, Bituminous Products do not contain PBT or vPvB substances in excess of 0,1%. Bituminous product can include a fiberglass fleece supporting carrier which is not exposed and completely encapsulated in the bituminous compound.

SECTION 3: Composition/information on the contents

Based on the documentation (safety data sheet, technical data sheet) received from our suppliers, no hazardous substances/compounds are present in the ingredients, additives or more generally raw materials, which are used during the manufacturing process of Bituminous products and which are supplied by the suppliers to us, in amounts or concentrations beyond those allowed by the applicable European Union laws.

Bituminous products are manufactured using bitumen. The surface finishing includes minerals or non wovens or films made of polypropylene or polyethylene.

3.1	Substances	Presence of Petroleum bitumen, in a solid bituminous compound.
3.2	Mixtures	No free mixtures.

SECTION 4: First aid measures

4.1	Description of first aid measures	Contact with eyes: improbable means of contact, eye irritation by indirect contact (conjunctivitis) Contact with skin: the use of protective gloves is recommended while handling bituminous products (some of the anti-adhesive surface finishes may be slightly abrasive to the skin), in order to avoid possible reactions (dermatitis). It is highly recommended to wash your hands thoroughly as a normal hygiene routine.
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4.2 Main symptoms and effects, both acute and delayed

4.3 Sign of the need to immediately consult a doctor and for special treatment

Swallowing/sucking in: improbable means of contact.

Inhaling: irritation if exposed to high concentrations of fumes only in the event of fire; take the person involved to an unpolluted area. Consult a doctor.

No symptom in the event of contact with Bituminous Products at room temperature.

Consult a doctor in all those cases that appear to be different or more serious than the descriptions above.

SECTION 5: Fire-prevention measures

Asses the fire load each time, also taking other local and/or specific factors into account and adopting appropriate fire-prevention measures. Advise the emergency team. Distance people who are not involved from the area in question.

5.1 Means of fire-extinction

In the event of fire, intervene using the following means:

- preferably **WATER MIST**
- **FIRE-EXTINGUISHING FOAMS** (do not use water and foam at the same time)
- **CHEMICAL POWDERS**
- **CO₂ or another inert gas**

5.2 Special risks connected with the substance or mixture

In the event of fire, fumes rich in hydrocarbons and toxic combustion products, (carbon monoxide – carbon or nitrogen oxides) may develop, as usually happens in presence of organic compounds. The excessive exposure to these fumes may cause respiratory problems. Special means of protection during the fire: use wear filtering masks with multipurpose only in ventilated areas and/or self-breathing filters and full protective clothing.

5.3 Instructions for fire-extinguishing personnel

In case of fire in small or scarcely ventilated spaces and in the presence of substantial amount of Bituminous Products, wear filtering masks with multipurpose and/or self-breathing filters.

SECTION 6: Measures in the event of accidental release

At room temperature, Bituminous Products are solid and do not release substances.

6.1 Personal precautions, protection devices and emergency procedures in the event of emergency

Do not touch hot Bituminous Products.

6.2 Environmental precautions

Bituminous Products are dimensionally stable and therefore easily containable; in the event of fire, reduce environmental pollution as far as possible. Contain and collect the contaminated waters or foams used and dispose of according to laws in force.

6.3 Restraining methods and materials and clearing up

Ensure appropriate ventilation inside buildings or closed spaces. The percentage of bitumen is not such as to cause concern for the outpour of liquids. Use appropriate means to gather cold bituminous products into suitable containers, in order to safely dispose of them. Contain and collect the contaminated waters or foams used with suitable tools and in proper containers and dispose of according to the laws in force.

6.4 Reference to other sections

For more information, refer to SECTION 8: Checking exposure / individual protection.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Considering that the weight of the rolls manufactured is variable, current legislation for Manual of loads must be observed. For greater weights, suitable equipment such as forklifts, bridge cranes, etc. must be used. It is forbidden, to smoke and/or use free flames or incandescent bodies during handling.

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Personal protection equipment:
Breathing protection: wear suitable mask
Hand protection: wear gloves to avoid skin irritation
Eye protection: wear protective glasses
Body and skin protection: wear long clothing and trousers or suits to avoid irritation.

General hygienic recommendations:
- do not eat, drink or smoke in work areas
- wash your hands after use
- remove contaminated clothing and protective equipment before entering the areas where you are eating.

Refers also to SECTION 8: Checking exposure / individual protection

Store away from heat, and open flames, in roofed, dry and aired places, protected from sunlight and atmospheric agents, observing the current laws on health and safety and the standards of good practice to be used in fighting fires. Store the rolls / sheets without changing the position and packaging in which they were delivered in.

See 1.2 identified appropriate uses of the substance or mixture and not recommended uses.

7.2 Conditions for safe storage, including incompatibility, if any

7.3 Specific final use

SECTION 8: Individual exposure / protection inspection

8.1 Control parameters

No control measures are required in relation to the physical and chemical characteristics of the Bituminous Products. Laying takes place by means of mechanical fixing at room temperature or by means of adhesive strips or self adhesive surface.

See
1.2 Identified appropriate uses of the substance or mixture and not recommended uses for the type of use.
SECTION 5: Fire-prevention measures
SECTION 7: Handling and storage, i.e. fire or high temperatures

SECTION 9: Physical and chemical properties

Appearance of Bituminous Products: BITUMINOUS MATERIAL IN ROLL / REELS / SHEETS / LINED / COUPLED BITUMENOUS MATERIAL IN ROLLS

9.1 Information on the physical and chemical properties

- appearance: rolls / sheets, colours based, on the kind of finishing
- light smell characteristic of bitumen
- pH: not applicable
- stability at high temperatures: see specific Technical Sheet of the product
- stability at low temperatures: see specific Technical Sheet of the product
- fire reaction class: see specific Technical Sheet of the product
- solubility: Water soluble NO
Fat soluble: (organic solvents, oils) NO, bituminous compound, can be damaged

9.2 Other information

In the event of fire or high temperatures, some hazardous gases could be released.

SECTION 10: Stability and reactivity

10.1 Reactivity

Bituminous Products are chemically inert.

10.2 Chemical stability

Bituminous Products are stable under normal conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

Substances to be avoided: strong acids

10.4 Conditions to be avoided

Avoid excessive heating

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10.5 Incompatible materials

Do not expose for long period of time to temperatures higher than 70 °C and / or UV rays and / or highly humid environments.

10.6 Hazardous decomposition products

Acid and alkaline concentrated solutions.

See SECTION 5: Fire-prevention measures

SECTION 11: Toxicologic information

11.1 Information on toxicologic effects

Bituminous Products are items based on petroleum bitumen and other harmless components. The search for cancerogenous markers in bitumen resulted in values below established limits.

SECTION 12: Ecological information

Bituminous Products are not soluble in water, they are stable, when laid according to their established uses they do not release any substances at all; Bituminous Products are only exposed to atmospheric agents while being laid; use as indicated in the laying manual and according to good working practices; avoid dispersion in the environment. Bituminous Products are not substantially harmed by micro-organisms. They do not have harmful effects on aquatic environments and on plants.

12.1 Toxicity

Not toxic

12.2 Persistence and degradability

Not biodegradable

12.3 Potential and bioaccumulation

None

12.4 Mobility in the ground

Not mobile

12.5 Results on the PBT and vPvB evaluation

Not present

12.6 Other adverse effects

None

SECTION 13: Considerations on disposal

For the disposal of Bituminous Products (e.g. scraps from laying, damaged rolls), local laws in force on special non hazardous waste must be observed. It is the responsibility of the subject producing the waste to attribute the correct code, on the basis of the real use and presence of any polluting agents or alterations.

13.1 Waste treatment on methods

Collect the waste separately and deliver as it is for disposal

SECTION 14: Information on transportation

14.3 Connected danger classes

Not hazardous for purposes of transportation, according to international transportation code. The characteristics of weight and size of the items make it necessary to take precautionary loading measures to be adopted during carriage, storage and handling of the various products. These precautions aim at protecting the product and preserving the original characteristics of the product itself. See SECTION 7: Handling and storage. Additional suggestions regarding carriage:

- 1) Large-sized rolls can be stored in the means of transport (vertically and horizontally) using appropriate support systems (wooden plugs, ropes, belts) in order to prevent the rolls from moving and to create a single body by overlapping or pyramid-positioning of the rolls themselves. The rolls and / or pallets must not be unloaded from the means of transportation by simply making them fall off. The rolls (bituminised felt-paper, mono-bituminised paper) must always travel covered, i.e. protected from atmospheric agents.

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- 2) Smaller rolls positioned on the pallets must only remain in a vertical position; if the need arises to store the pallets one on top of the other, dividing tables must be used – of medium height, rigid, smooth – used to proportionally spread the loads over the pallet. Never load weights concentrated on a small number of points over the pallets. Before overlapping the pallets, the consistency and integrity of the underlaying pallet must be verified. The vertical position must always be maintained, even during the loading or unloading period of the pallet using mechanical means. Do not expose the load to sunshine and atmospheric agents for long periods of time.

SECTION 15: Information on regulations

Bituminous Products are considered as items according with Reg. (EC) No. 1907/2006 (REACH). For items in accordance with art. 3.3 of REACH is not required to provide a safety data sheet as per art. 31 and it is not mandatory to provide an information document in accordance with art. 32. However, the document is drawn up in accordance with the 16-section template described in Regulation 830/2015.

15.1 Specific standards and legislation on health, safety and environment for the substance or mixture

Restriction on the product or substances contained according to the Annex XVII Regulation (EC) 1907/2006: none.

Substances in Candidate List (Art. 59 REACH): based on available data, the product does not contain SVHC substances in excess of 0.1%.

Substances subject on authorization (Annex XIV REACH): none.

15.2 Assessment of chemical safety

Chemical safety assessment depending on the Supplier's SDS.

SECTION 16: Other information

The manufacturer produces and sells non-hazardous ITEMS free of the intentional release of substances; it is therefore exempt from obligations of law.

As a „DOWNSTREAM USERS – Art. 37“, the manufacturer has requested its suppliers to pre-register / register the Chemical Substances Mixtures and Polymers used in their production and has informed the latter as to their uses.

This Safe Use Instruction Sheet (SUIS) is drawn up in order to provide information and advice in the most effective manner.

The information contained in this SUIS is supplied at the manufacturer's current state of knowledge; it has no contractual value and may be subject to change.